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L.M. Narducci
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L.M. Narducci
Physics Department, Drexel University,
Philadelphia, PA 19104, USA

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FAX: +1-215-895-6757
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W.P. Schleich
Abteilung für Quantenphysik, Universität Ulm
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Ionin, A.A., A.A. Kotkov, A.K. Kurnosov, A.P. Napartovich, L.V. Seleznev and N.G. Turkin, Pulsed first-overtone CO laser: effective source of IR radiation in spectral range of 2.5–4.0 μm 160 (1999) 255
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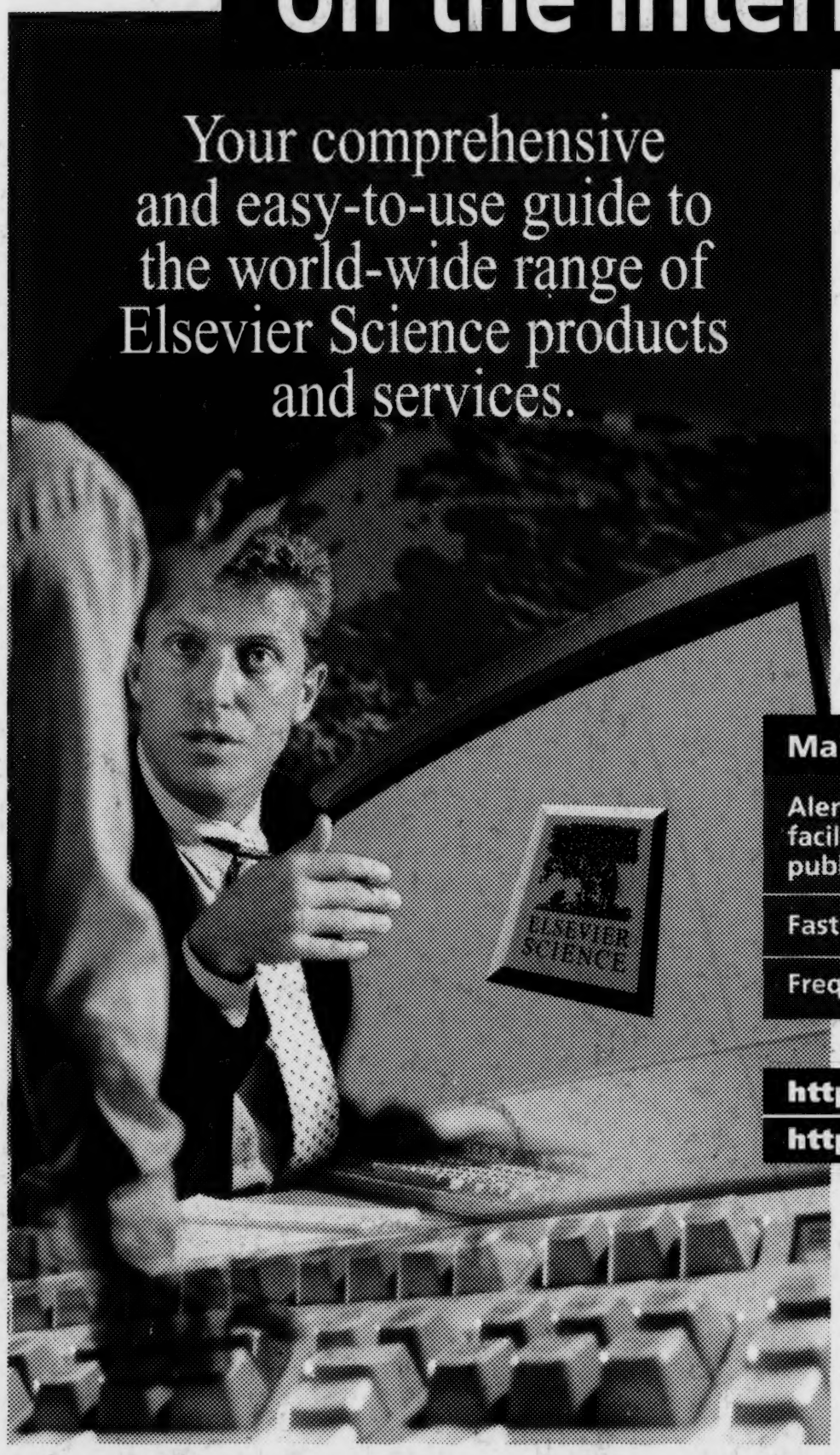

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